Order-No.: DD+DIS311.00E

1 Piece UDAA7 MA1

ADC COMPACT
Type 5145 / 100/101/140
Type 5145 / 200/201/240

Overview of Modifications

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1 Digitizer Software COP_1215 and Patch COPA1215

Problems

- there have been some sporadic network problems resulting in a display message "VIPS not ready" on units with software COP_1215.
- after the galvanometer has been replaced, calibration of a 35cm x 43cm HR format is no longer possible.

Solution

- software patch COPA1215 solves these problems. It requires the **basic software COP_1215** and must not be installed on earlier SW versions.

Order – Number COP_1215 + COPA1215: **CM+9.5145.1050.3**

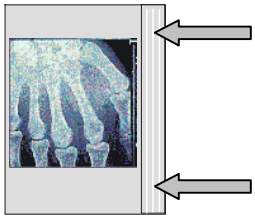
Both can also be downloaded from digimail.

2 Modified IP - Alignments

CM+9.5145.2080.0	Prescan Alignment Unit
CM+9.5145.2085.0	Postscan Alignment Unit

Do only exchange the Pre-/Postscan alignment, if the problems occur frequently.

2.1 Prescan - Alignment



Problem:

The IPs are not aligned properly; the image shows stripes at its edges (see arrows).

Possibly appearing Error - Codes:

22D61	the IP jams in the scan unit and cannot be taken over by the IP transport.
229AC	the alignment cannot reach its home position during standard operation mode.
22988	the alignment cannot reach its home position when initializing.

2.2 Postscan - Alignment

Problem:

The IPs are not aligned properly and are clamped when the cassette is closed.

Possibly appearing Error - Codes:

22D60	the incompletely closed cassette can not be taken to the output buffer.
22D61	when 18" x 24" IPs are aligned improperly, the front suction cup is covered only partly and the IP cannot be sucked.
22481	the cassette opening drive cannot reach its home position.
2296D	the alignment cannot reach its home position during standard operation mode.
22999	the alignment cannot reach its home position during standard operation mode.
2298A	the alignment cannot reach its home position when initializing.

2.3 What has been modified?

The gear drive has been replaced by a toothed belt.

As a result the rotary direction of the stepper motor has to be changed, which requires a new software (COP_1215).

2.4 Important Remarks

Software release COP_1215 (CM+9.5145.1050.3) **must** be loaded on the digitizer.
Before you start the modification, check if COP_1215 or higher is loaded.
Upgrade the digitizer if necessary.

- Possibly the IP – alignment has to be adjusted after the installation has been completed.

3 Modified IP- transports

Problem:

The robot does not reach its correct position because the transportation belt has been damaged.

Possibly appearing error codes:

The error codes 22A72; 22D40 or 22D61 may appear.

Solution:

Install modified IP transport units.

1. CM+9.5145.6100.7 IP – Transport Output
2. CM+9.5145.6500.7 IP – Transport Input

4 Modified Postscan Bar

Problem:

The rear suction arm touches the postscan bar when passing the opening. The correct suction position is not reached.

Possibly appearing error codes:

The error codes 22D60, 22D61, 22481,22B85, 22BA2 or 22BA7 may appear.

Solution:

Install modified postscan bar.

1. CM+9.5145.2410.1 Postscan bar

5 Modified Temperature Switch in the Reflector of the Erasure Unit

Problem

The display of ADC Compact quite often shows the message

“COOLING DELAY – PLEASE WAIT”,

which is entered in the infocounter as error message 22D55. Processing of the image plate is delayed until the temperature has decreased and the display message has disappeared.

Reason

The message appears when the temperature switch reaches 75°C.

Solution

To reduce the number of "Cooling Delays" the temperature switch (75°C) has been replaced by a thermostat with a switching value of 85°C in machines as of SN 1428 (Type 100) and 5180 (Type 140) respectively.

1. CM+9.5145.3540.1 reflector with temperature switch (85° C)

These modifications are integrated ex works as of Serial Number:

IP – Transport Input/Output:	1344 (Type 100) 5142 (Type 140)
Pre-/Postscan Alignment:	1386 (Type 100) 5168 (Type 140)
Postscan Bar	1388 (Type 100)
Reflector with temperature switch	1427 (Type 100) 5179 (Type 140)

Do **not** downgrade these machines to SW versions < COP_1215.

The modification kits are also mentioned in the spare parts list: section 8, page 43/43a.